



# BARGE "MPX 210"

## INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-1/4	- 01-1/4
2 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4
3 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 4'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-3/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 163'-06"

August 8, 2020

**PRECISION MEASUREMENT  
 & ANALYSIS, INC.**  
 P.O. Box 2092  
 Pearland, Texas 77588

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# BARGE "MPX 210"

# 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	4.29	0	225.14	0	477.84	0	726.52	0	976.20	0	1,228.16	0	1,480.11	0	1,731.74	0	1,983.34	0	2,235.37
1/4	5.17	1/4	230.41	1/4	483.10	1/4	731.62	1/4	981.45	1/4	1,233.41	1/4	1,485.36	1/4	1,736.98	1/4	1,988.59	1/4	2,240.62
1/2	6.04	1/2	235.67	1/2	488.37	1/2	736.71	1/2	986.70	1/2	1,238.66	1/2	1,490.61	1/2	1,742.21	1/2	1,993.84	1/2	2,245.87
3/4	6.92	3/4	240.94	3/4	493.63	3/4	741.80	3/4	991.95	3/4	1,243.90	3/4	1,495.86	3/4	1,747.44	3/4	1,999.09	3/4	2,251.12
1	7.80	1	246.20	1	498.90	1	746.90	1	997.20	1	1,249.15	1	1,501.11	1	1,752.67	1	2,004.34	1	2,256.37
1/4	10.43	1/4	251.46	1/4	504.16	1/4	751.99	1/4	1,002.45	1/4	1,254.40	1/4	1,506.36	1/4	1,757.91	1/4	2,009.59	1/4	2,261.62
1/2	13.06	1/2	256.73	1/2	509.42	1/2	757.09	1/2	1,007.69	1/2	1,259.65	1/2	1,511.61	1/2	1,763.14	1/2	2,014.84	1/2	2,266.87
3/4	15.69	3/4	261.99	3/4	514.69	3/4	762.18	3/4	1,012.94	3/4	1,264.90	3/4	1,516.85	3/4	1,768.37	3/4	2,020.10	3/4	2,272.12
2	18.32	2	267.26	2	519.95	2	767.27	2	1,018.19	2	1,270.15	2	1,522.10	2	1,773.60	2	2,025.35	2	2,277.37
1/4	22.71	1/4	272.52	1/4	525.22	1/4	772.39	1/4	1,023.44	1/4	1,275.40	1/4	1,527.35	1/4	1,778.84	1/4	2,030.60	1/4	2,282.62
1/2	27.09	1/2	277.79	1/2	530.48	1/2	777.51	1/2	1,028.69	1/2	1,280.65	1/2	1,532.59	1/2	1,784.07	1/2	2,035.85	1/2	2,287.87
3/4	31.48	3/4	283.05	3/4	535.75	3/4	782.63	3/4	1,033.94	3/4	1,285.90	3/4	1,537.84	3/4	1,789.30	3/4	2,041.10	3/4	2,293.12
3	35.86	3	288.32	3	541.01	3	787.75	3	1,039.19	3	1,291.15	3	1,543.09	3	1,794.54	3	2,046.35	3	2,298.37
1/4	41.08	1/4	293.58	1/4	546.28	1/4	792.87	1/4	1,044.44	1/4	1,296.40	1/4	1,548.33	1/4	1,799.77	1/4	2,051.60	1/4	2,303.62
1/2	46.30	1/2	298.84	1/2	551.54	1/2	797.99	1/2	1,049.69	1/2	1,301.64	1/2	1,553.58	1/2	1,805.00	1/2	2,056.85	1/2	2,308.87
3/4	51.52	3/4	304.11	3/4	556.81	3/4	803.11	3/4	1,054.94	3/4	1,306.89	3/4	1,558.83	3/4	1,810.23	3/4	2,062.10	3/4	2,314.12
4	56.74	4	309.37	4	562.07	4	808.23	4	1,060.19	4	1,312.14	4	1,564.07	4	1,815.47	4	2,067.35	4	2,319.37
1/4	61.99	1/4	314.64	1/4	567.33	1/4	813.48	1/4	1,065.44	1/4	1,317.39	1/4	1,569.32	1/4	1,820.70	1/4	2,072.60	1/4	2,324.62
1/2	67.24	1/2	319.90	1/2	572.60	1/2	818.73	1/2	1,070.68	1/2	1,322.64	1/2	1,574.56	1/2	1,825.93	1/2	2,077.85	1/2	2,329.86
3/4	72.49	3/4	325.17	3/4	577.86	3/4	823.98	3/4	1,075.93	3/4	1,327.89	3/4	1,579.81	3/4	1,831.17	3/4	2,083.10	3/4	2,335.11
5	77.74	5	330.43	5	583.13	5	829.23	5	1,081.18	5	1,333.14	5	1,585.06	5	1,836.40	5	2,088.35	5	2,340.35
1/4	83.01	1/4	335.70	1/4	588.39	1/4	834.47	1/4	1,086.43	1/4	1,338.39	1/4	1,590.30	1/4	1,841.63	1/4	2,093.60	1/4	2,345.60
1/2	88.27	1/2	340.96	1/2	593.66	1/2	839.72	1/2	1,091.68	1/2	1,343.64	1/2	1,595.55	1/2	1,846.86	1/2	2,098.85	1/2	2,350.84
3/4	93.53	3/4	346.23	3/4	598.92	3/4	844.97	3/4	1,096.93	3/4	1,348.89	3/4	1,600.80	3/4	1,852.10	3/4	2,104.10	3/4	2,356.09
6	98.79	6	351.49	6	604.19	6	850.22	6	1,102.18	6	1,354.14	6	1,606.04	6	1,857.33	6	2,109.35	6	2,361.33
1/4	104.06	1/4	356.75	1/4	609.29	1/4	855.47	1/4	1,107.43	1/4	1,359.38	1/4	1,611.29	1/4	1,862.58	1/4	2,114.60	1/4	2,366.58
1/2	109.32	1/2	362.02	1/2	614.39	1/2	860.72	1/2	1,112.68	1/2	1,364.63	1/2	1,616.54	1/2	1,867.83	1/2	2,119.85	1/2	2,371.82
3/4	114.59	3/4	367.28	3/4	619.49	3/4	865.97	3/4	1,117.93	3/4	1,369.88	3/4	1,621.78	3/4	1,873.08	3/4	2,125.11	3/4	2,377.07
7	119.85	7	372.55	7	624.59	7	871.22	7	1,123.18	7	1,375.13	7	1,627.03	7	1,878.33	7	2,130.36	7	2,382.31
1/4	125.12	1/4	377.81	1/4	629.69	1/4	876.47	1/4	1,128.42	1/4	1,380.38	1/4	1,632.28	1/4	1,883.58	1/4	2,135.61	1/4	2,387.56
1/2	130.38	1/2	383.08	1/2	634.78	1/2	881.72	1/2	1,133.67	1/2	1,385.63	1/2	1,637.52	1/2	1,888.83	1/2	2,140.86	1/2	2,392.80
3/4	135.65	3/4	388.34	3/4	639.88	3/4	886.97	3/4	1,138.92	3/4	1,390.88	3/4	1,642.77	3/4	1,894.08	3/4	2,146.11	3/4	2,398.05
8	140.91	8	393.61	8	644.98	8	892.21	8	1,144.17	8	1,396.13	8	1,648.02	8	1,899.33	8	2,151.36	8	2,403.29
1/4	146.17	1/4	398.87	1/4	650.08	1/4	897.46	1/4	1,149.42	1/4	1,401.38	1/4	1,653.25	1/4	1,904.58	1/4	2,156.61	1/4	2,408.54
1/2	151.44	1/2	404.13	1/2	655.18	1/2	902.71	1/2	1,154.67	1/2	1,406.63	1/2	1,658.48	1/2	1,909.83	1/2	2,161.86	1/2	2,413.78
3/4	156.70	3/4	409.40	3/4	660.28	3/4	907.96	3/4	1,159.92	3/4	1,411.88	3/4	1,663.72	3/4	1,915.09	3/4	2,167.11	3/4	2,419.03
9	161.97	9	414.66	9	665.38	9	913.21	9	1,165.17	9	1,417.12	9	1,668.95	9	1,920.34	9	2,172.36	9	2,424.27
1/4	167.23	1/4	419.93	1/4	670.48	1/4	918.46	1/4	1,170.42	1/4	1,422.37	1/4	1,674.18	1/4	1,925.59	1/4	2,177.61	1/4	2,429.52
1/2	172.50	1/2	425.19	1/2	675.58	1/2	923.71	1/2	1,175.67	1/2	1,427.62	1/2	1,679.41	1/2	1,930.84	1/2	2,182.86	1/2	2,434.76
3/4	177.76	3/4	430.46	3/4	680.68	3/4	928.96	3/4	1,180.92	3/4	1,432.87	3/4	1,684.65	3/4	1,936.09	3/4	2,188.11	3/4	2,440.01
10	183.03	10	435.72	10	685.78	10	934.21	10	1,186.16	10	1,438.12	10	1,689.88	10	1,941.34	10	2,193.36	10	2,445.25
1/4	188.29	1/4	440.99	1/4	690.87	1/4	939.46	1/4	1,191.41	1/4	1,443.37	1/4	1,695.11	1/4	1,946.59	1/4	2,198.61	1/4	2,450.48
1/2	193.55	1/2	446.25	1/2	695.96	1/2	944.71	1/2	1,196.66	1/2	1,448.62	1/2	1,700.35	1/2	1,951.84	1/2	2,203.86	1/2	2,455.71
3/4	198.82	3/4	451.52	3/4	701.06	3/4	949.95	3/4	1,201.91	3/4	1,453.87	3/4	1,705.58	3/4	1,957.09	3/4	2,209.11	3/4	2,460.94
11	204.08	11	456.78	11	706.15	11	955.20	11	1,207.16	11	1,459.12	11	1,710.81	11	1,962.34	11	2,214.36	11	2,466.16
1/4	209.35	1/4	462.04	1/4	711.24	1/4	960.45	1/4	1,212.41	1/4	1,464.37	1/4	1,716.04	1/4	1,967.59	1/4	2,219.61	1/4	2,471.39
1/2	214.61	1/2	467.31	1/2	716.34	1/2	965.70	1/2	1,217.66	1/2	1,469.62	1/2	1,721.28	1/2	1,972.84	1/2	2,224.86	1/2	2,476.62
3/4	219.88	3/4	472.57	3/4	721.43	3/4	970.95	3/4	1,222.91	3/4	1,474.86	3/4	1,726.51	3/4	1,978.09	3/4	2,230.12	3/4	2,481.85

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
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# BARGE "MPX 210"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,487.08	0	2,726.54	0	2,942.28	0	3,158.03	0	3,373.77	0		0		0		0		0	
1/4	2,492.30	1/4	2,731.03	1/4	2,946.78	1/4	3,162.52	1/4	3,378.27	1/4		1/4		1/4		1/4		1/4	
1/2	2,497.53	1/2	2,735.53	1/2	2,951.27	1/2	3,167.02	1/2	3,382.76	1/2		1/2		1/2		1/2		1/2	
3/4	2,502.76	3/4	2,740.02	3/4	2,955.77	3/4	3,171.51	3/4	3,387.26	3/4		3/4		3/4		3/4		3/4	
1	2,507.99	1	2,744.51	1	2,960.26	1	3,176.01	1	3,391.75	1		1		1		1		1	
1/4	2,513.22	1/4	2,749.01	1/4	2,964.76	1/4	3,180.50	1/4	3,396.25	1/4		1/4		1/4		1/4		1/4	
1/2	2,518.44	1/2	2,753.50	1/2	2,969.25	1/2	3,185.00	1/2	3,400.74	1/2		1/2		1/2		1/2		1/2	
3/4	2,523.67	3/4	2,758.00	3/4	2,973.74	3/4	3,189.49	3/4	3,405.24	3/4		3/4		3/4		3/4		3/4	
2	2,528.90	2	2,762.49	2	2,978.24	2	3,193.98	2	3,409.73	2		2		2		2		2	
1/4	2,534.13	1/4	2,766.99	1/4	2,982.73	1/4	3,198.48	1/4	3,414.23	1/4		1/4		1/4		1/4		1/4	
1/2	2,539.36	1/2	2,771.48	1/2	2,987.23	1/2	3,202.97	1/2	3,418.73	1/2		1/2		1/2		1/2		1/2	
3/4	2,544.59	3/4	2,775.98	3/4	2,991.72	3/4	3,207.47	3/4	3,423.22	3/4		3/4		3/4		3/4		3/4	
3	2,549.81	3	2,780.47	3	2,996.22	3	3,211.96	3	3,427.72	3		3		3		3		3	
1/4	2,555.04	1/4	2,784.97	1/4	3,000.71	1/4	3,216.46	1/4	3,432.21	1/4		1/4		1/4		1/4		1/4	
1/2	2,560.27	1/2	2,789.46	1/2	3,005.21	1/2	3,220.95	1/2	3,436.69	1/2		1/2		1/2		1/2		1/2	
3/4	2,565.50	3/4	2,793.96	3/4	3,009.70	3/4	3,225.45	3/4	3,441.18	3/4		3/4		3/4		3/4		3/4	
4	2,570.73	4	2,798.45	4	3,014.20	4	3,229.94	4	3,445.67	4		4		4		4		4	
1/4	2,575.95	1/4	2,802.95	1/4	3,018.69	1/4	3,234.44	1/4	3,450.13	1/4		1/4		1/4		1/4		1/4	
1/2	2,581.18	1/2	2,807.44	1/2	3,023.19	1/2	3,238.93	1/2	3,454.59	1/2		1/2		1/2		1/2		1/2	
3/4	2,586.41	3/4	2,811.94	3/4	3,027.68	3/4	3,243.43	3/4	3,459.05	3/4		3/4		3/4		3/4		3/4	
5	2,591.64	5	2,816.43	5	3,032.18	5	3,247.92	5	3,463.51	5		5		5		5		5	
1/4	2,596.88	1/4	2,820.92	1/4	3,036.67	1/4	3,252.42	1/4	3,468.26	1/4		1/4		1/4		1/4		1/4	
1/2	2,602.13	1/2	2,825.42	1/2	3,041.16	1/2	3,256.91	1/2	3,473.01	1/2		1/2		1/2		1/2		1/2	
3/4	2,607.37	3/4	2,829.91	3/4	3,045.66	3/4	3,261.41	3/4	3,477.76	3/4		3/4		3/4		3/4		3/4	
6	2,612.62	6	2,834.41	6	3,050.15	6	3,265.90	6	3,482.52	6		6		6		6		6	
1/4	2,617.87	1/4	2,838.90	1/4	3,054.65	1/4	3,270.39	1/4	3,485.59	1/4		1/4		1/4		1/4		1/4	
1/2	2,623.12	1/2	2,843.40	1/2	3,059.14	1/2	3,274.89	1/2	3,488.66	1/2		1/2		1/2		1/2		1/2	
3/4	2,628.37	3/4	2,847.89	3/4	3,063.64	3/4	3,279.38	3/4	3,491.73	3/4		3/4		3/4		3/4		3/4	
7	2,633.62	7	2,852.39	7	3,068.13	7	3,283.88	7	3,494.80	7		7		7		7		7	
1/4	2,638.87	1/4	2,856.88	1/4	3,072.63	1/4	3,288.37	1/4	3,496.11	1/4		1/4		1/4		1/4		1/4	
1/2	2,644.12	1/2	2,861.38	1/2	3,077.12	1/2	3,292.87	1/2	3,497.43	1/2		1/2		1/2		1/2		1/2	
3/4	2,649.37	3/4	2,865.87	3/4	3,081.62	3/4	3,297.36	3/4	3,498.74	3/4		3/4		3/4		3/4		3/4	
8	2,654.62	8	2,870.37	8	3,086.11	8	3,301.86	8	3,500.06	8		8		8		8		8	
1/4	2,659.12	1/4	2,874.86	1/4	3,090.61	1/4	3,306.35	1/4	3,500.28	1/4		1/4		1/4		1/4		1/4	
1/2	2,663.61	1/2	2,879.36	1/2	3,095.10	1/2	3,310.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,668.10	3/4	2,883.85	3/4	3,099.60	3/4	3,315.34	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,672.60	9	2,888.35	9	3,104.09	9	3,319.84	9		9		9		9		9		9	
1/4	2,677.09	1/4	2,892.84	1/4	3,108.59	1/4	3,324.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,681.59	1/2	2,897.33	1/2	3,113.08	1/2	3,328.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,686.08	3/4	2,901.83	3/4	3,117.57	3/4	3,333.32	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,690.58	10	2,906.32	10	3,122.07	10	3,337.82	10		10		10		10		10		10	
1/4	2,695.07	1/4	2,910.82	1/4	3,126.56	1/4	3,342.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,699.57	1/2	2,915.31	1/2	3,131.06	1/2	3,346.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,704.06	3/4	2,919.81	3/4	3,135.55	3/4	3,351.30	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,708.56	11	2,924.30	11	3,140.05	11	3,355.79	11		11		11		11		11		11	
1/4	2,713.05	1/4	2,928.80	1/4	3,144.54	1/4	3,360.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,717.55	1/2	2,933.29	1/2	3,149.04	1/2	3,364.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,722.04	3/4	2,937.79	3/4	3,153.53	3/4	3,369.28	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/07/2020 CL  
CALCULATED: 08/08/2020 CL  
PRINTED: 08/08/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
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<http://www.pmacorp.net>



# BARGE "MPX 210"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0.73	0	241.02	0	515.96	0	786.77	0	1,059.00	0	1,333.95	0	1,608.90	0	1,883.85	0	2,158.80	0	2,433.75
1/4	1.69	1/4	246.75	1/4	521.69	1/4	792.32	1/4	1,064.73	1/4	1,339.68	1/4	1,614.63	1/4	1,889.58	1/4	2,164.53	1/4	2,439.47
1/2	2.64	1/2	252.48	1/2	527.41	1/2	797.88	1/2	1,070.46	1/2	1,345.41	1/2	1,620.36	1/2	1,895.31	1/2	2,170.25	1/2	2,445.20
3/4	3.59	3/4	258.20	3/4	533.14	3/4	803.44	3/4	1,076.19	3/4	1,351.14	3/4	1,626.08	3/4	1,901.03	3/4	2,175.98	3/4	2,450.93
1	4.55	1	263.93	1	538.87	1	808.99	1	1,081.91	1	1,356.86	1	1,631.81	1	1,906.76	1	2,181.71	1	2,456.66
1/4	7.41	1/4	269.66	1/4	544.60	1/4	814.55	1/4	1,087.64	1/4	1,362.59	1/4	1,637.54	1/4	1,912.49	1/4	2,187.44	1/4	2,462.39
1/2	10.27	1/2	275.39	1/2	550.33	1/2	820.10	1/2	1,093.37	1/2	1,368.32	1/2	1,643.27	1/2	1,918.22	1/2	2,193.17	1/2	2,468.11
3/4	13.14	3/4	281.12	3/4	556.05	3/4	825.66	3/4	1,099.10	3/4	1,374.05	3/4	1,649.00	3/4	1,923.95	3/4	2,198.89	3/4	2,473.84
2	16.00	2	286.84	2	561.78	2	831.21	2	1,104.83	2	1,379.78	2	1,654.72	2	1,929.67	2	2,204.62	2	2,479.57
1/4	20.77	1/4	292.57	1/4	567.51	1/4	836.78	1/4	1,110.56	1/4	1,385.50	1/4	1,660.45	1/4	1,935.40	1/4	2,210.35	1/4	2,485.30
1/2	25.54	1/2	298.30	1/2	573.24	1/2	842.34	1/2	1,116.28	1/2	1,391.23	1/2	1,666.18	1/2	1,941.13	1/2	2,216.08	1/2	2,491.03
3/4	30.31	3/4	304.03	3/4	578.97	3/4	847.90	3/4	1,122.01	3/4	1,396.96	3/4	1,671.91	3/4	1,946.86	3/4	2,221.81	3/4	2,496.76
3	35.08	3	309.75	3	584.69	3	853.46	3	1,127.74	3	1,402.69	3	1,677.64	3	1,952.59	3	2,227.53	3	2,502.48
1/4	40.76	1/4	315.48	1/4	590.42	1/4	859.02	1/4	1,133.47	1/4	1,408.42	1/4	1,683.37	1/4	1,958.31	1/4	2,233.26	1/4	2,508.21
1/2	46.44	1/2	321.21	1/2	596.15	1/2	864.58	1/2	1,139.20	1/2	1,414.14	1/2	1,689.09	1/2	1,964.04	1/2	2,238.99	1/2	2,513.94
3/4	52.12	3/4	326.94	3/4	601.88	3/4	870.14	3/4	1,144.92	3/4	1,419.87	3/4	1,694.82	3/4	1,969.77	3/4	2,244.72	3/4	2,519.67
4	57.80	4	332.67	4	607.61	4	875.70	4	1,150.65	4	1,425.60	4	1,700.55	4	1,975.50	4	2,250.45	4	2,525.40
1/4	63.51	1/4	338.39	1/4	613.33	1/4	881.43	1/4	1,156.38	1/4	1,431.33	1/4	1,706.28	1/4	1,981.23	1/4	2,256.18	1/4	2,531.12
1/2	69.22	1/2	344.12	1/2	619.06	1/2	887.16	1/2	1,162.11	1/2	1,437.06	1/2	1,712.01	1/2	1,986.95	1/2	2,261.90	1/2	2,536.85
3/4	74.94	3/4	349.85	3/4	624.79	3/4	892.89	3/4	1,167.84	3/4	1,442.79	3/4	1,717.73	3/4	1,992.68	3/4	2,267.63	3/4	2,542.58
5	80.65	5	355.58	5	630.52	5	898.62	5	1,173.56	5	1,448.51	5	1,723.46	5	1,998.41	5	2,273.36	5	2,548.31
1/4	86.38	1/4	361.31	1/4	636.25	1/4	904.34	1/4	1,179.29	1/4	1,454.24	1/4	1,729.19	1/4	2,004.14	1/4	2,279.09	1/4	2,554.04
1/2	92.10	1/2	367.03	1/2	641.97	1/2	910.07	1/2	1,185.02	1/2	1,459.97	1/2	1,734.92	1/2	2,009.87	1/2	2,284.82	1/2	2,559.76
3/4	97.83	3/4	372.76	3/4	647.70	3/4	915.80	3/4	1,190.75	3/4	1,465.70	3/4	1,740.65	3/4	2,015.60	3/4	2,290.54	3/4	2,565.49
6	103.56	6	378.49	6	653.43	6	921.53	6	1,196.48	6	1,471.43	6	1,746.37	6	2,021.32	6	2,296.27	6	2,571.22
1/4	109.28	1/4	384.22	1/4	658.98	1/4	927.26	1/4	1,202.20	1/4	1,477.15	1/4	1,752.10	1/4	2,027.05	1/4	2,302.00	1/4	2,576.95
1/2	115.01	1/2	389.95	1/2	664.54	1/2	932.98	1/2	1,207.93	1/2	1,482.88	1/2	1,757.83	1/2	2,032.78	1/2	2,307.73	1/2	2,582.68
3/4	120.74	3/4	395.67	3/4	670.10	3/4	938.71	3/4	1,213.66	3/4	1,488.61	3/4	1,763.56	3/4	2,038.51	3/4	2,313.46	3/4	2,588.41
7	126.46	7	401.40	7	675.65	7	944.44	7	1,219.39	7	1,494.34	7	1,769.29	7	2,044.24	7	2,319.18	7	2,594.13
1/4	132.19	1/4	407.13	1/4	681.21	1/4	950.17	1/4	1,225.12	1/4	1,500.07	1/4	1,775.01	1/4	2,049.96	1/4	2,324.91	1/4	2,599.86
1/2	137.92	1/2	412.86	1/2	686.76	1/2	955.90	1/2	1,230.85	1/2	1,505.79	1/2	1,780.74	1/2	2,055.69	1/2	2,330.64	1/2	2,605.59
3/4	143.65	3/4	418.58	3/4	692.32	3/4	961.62	3/4	1,236.57	3/4	1,511.52	3/4	1,786.47	3/4	2,061.42	3/4	2,336.37	3/4	2,611.32
8	149.37	8	424.31	8	697.88	8	967.35	8	1,242.30	8	1,517.25	8	1,792.20	8	2,067.15	8	2,342.10	8	2,617.05
1/4	155.10	1/4	430.04	1/4	703.43	1/4	973.08	1/4	1,248.03	1/4	1,522.98	1/4	1,797.93	1/4	2,072.88	1/4	2,347.82	1/4	2,622.77
1/2	160.83	1/2	435.77	1/2	708.99	1/2	978.81	1/2	1,253.76	1/2	1,528.71	1/2	1,803.66	1/2	2,078.60	1/2	2,353.55	1/2	2,628.50
3/4	166.56	3/4	441.50	3/4	714.54	3/4	984.54	3/4	1,259.49	3/4	1,534.43	3/4	1,809.38	3/4	2,084.33	3/4	2,359.28	3/4	2,634.23
9	172.29	9	447.22	9	720.10	9	990.27	9	1,265.21	9	1,540.16	9	1,815.11	9	2,090.06	9	2,365.01	9	2,639.96
1/4	178.01	1/4	452.95	1/4	725.65	1/4	995.99	1/4	1,270.94	1/4	1,545.89	1/4	1,820.84	1/4	2,095.79	1/4	2,370.74	1/4	2,645.69
1/2	183.74	1/2	458.68	1/2	731.21	1/2	1,001.72	1/2	1,276.67	1/2	1,551.62	1/2	1,826.57	1/2	2,101.52	1/2	2,376.47	1/2	2,651.41
3/4	189.47	3/4	464.41	3/4	736.77	3/4	1,007.45	3/4	1,282.40	3/4	1,557.35	3/4	1,832.30	3/4	2,107.24	3/4	2,382.19	3/4	2,657.14
10	195.20	10	470.14	10	742.32	10	1,013.18	10	1,288.13	10	1,563.08	10	1,838.02	10	2,112.97	10	2,387.92	10	2,662.87
1/4	200.92	1/4	475.86	1/4	747.88	1/4	1,018.91	1/4	1,293.85	1/4	1,568.80	1/4	1,843.75	1/4	2,118.70	1/4	2,393.65	1/4	2,668.60
1/2	206.65	1/2	481.59	1/2	753.43	1/2	1,024.63	1/2	1,299.58	1/2	1,574.53	1/2	1,849.48	1/2	2,124.43	1/2	2,399.38	1/2	2,674.33
3/4	212.38	3/4	487.32	3/4	758.99	3/4	1,030.36	3/4	1,305.31	3/4	1,580.26	3/4	1,855.21	3/4	2,130.16	3/4	2,405.11	3/4	2,680.05
11	218.11	11	493.05	11	764.54	11	1,036.09	11	1,311.04	11	1,585.99	11	1,860.94	11	2,135.89	11	2,410.83	11	2,685.78
1/4	223.84	1/4	498.78	1/4	770.10	1/4	1,041.82	1/4	1,316.77	1/4	1,591.72	1/4	1,866.66	1/4	2,141.61	1/4	2,416.56	1/4	2,691.51
1/2	229.56	1/2	504.50	1/2	775.66	1/2	1,047.55	1/2	1,322.50	1/2	1,597.44	1/2	1,872.39	1/2	2,147.34	1/2	2,422.29	1/2	2,697.24
3/4	235.29	3/4	510.23	3/4	781.21	3/4	1,053.27	3/4	1,328.22	3/4	1,603.17	3/4	1,878.12	3/4	2,153.07	3/4	2,428.02	3/4	2,702.97

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
<http://www.pmacorp.net>





# BARGE "MPX 210"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,708.70	0	2,983.64	0	3,258.59	0	3,533.54	0	3,808.49	0		0		0		0		0	
1/4	2,714.42	1/4	2,989.37	1/4	3,264.32	1/4	3,539.27	1/4	3,814.22	1/4		1/4		1/4		1/4		1/4	
1/2	2,720.15	1/2	2,995.10	1/2	3,270.05	1/2	3,545.00	1/2	3,819.95	1/2		1/2		1/2		1/2		1/2	
3/4	2,725.88	3/4	3,000.83	3/4	3,275.78	3/4	3,550.73	3/4	3,825.67	3/4		3/4		3/4		3/4		3/4	
1	2,731.61	1	3,006.56	1	3,281.51	1	3,556.45	1	3,831.40	1	1	1	1	1	1	1	1	1	1
1/4	2,737.34	1/4	3,012.28	1/4	3,287.23	1/4	3,562.18	1/4	3,837.13	1/4		1/4		1/4		1/4		1/4	
1/2	2,743.06	1/2	3,018.01	1/2	3,292.96	1/2	3,567.91	1/2	3,842.86	1/2		1/2		1/2		1/2		1/2	
3/4	2,748.79	3/4	3,023.74	3/4	3,298.69	3/4	3,573.64	3/4	3,848.59	3/4		3/4		3/4		3/4		3/4	
2	2,754.52	2	3,029.47	2	3,304.42	2	3,579.37	2	3,854.32	2	2	2	2	2	2	2	2	2	2
1/4	2,760.25	1/4	3,035.20	1/4	3,310.15	1/4	3,585.09	1/4	3,860.04	1/4		1/4		1/4		1/4		1/4	
1/2	2,765.98	1/2	3,040.92	1/2	3,315.87	1/2	3,590.82	1/2	3,865.77	1/2		1/2		1/2		1/2		1/2	
3/4	2,771.70	3/4	3,046.65	3/4	3,321.60	3/4	3,596.55	3/4	3,871.50	3/4		3/4		3/4		3/4		3/4	
3	2,777.43	3	3,052.38	3	3,327.33	3	3,602.28	3	3,877.23	3	3	3	3	3	3	3	3	3	3
1/4	2,783.16	1/4	3,058.11	1/4	3,333.06	1/4	3,608.01	1/4	3,882.95	1/4		1/4		1/4		1/4		1/4	
1/2	2,788.89	1/2	3,063.84	1/2	3,338.79	1/2	3,613.73	1/2	3,888.67	1/2		1/2		1/2		1/2		1/2	
3/4	2,794.62	3/4	3,069.57	3/4	3,344.51	3/4	3,619.46	3/4	3,894.39	3/4		3/4		3/4		3/4		3/4	
4	2,800.34	4	3,075.29	4	3,350.24	4	3,625.19	4	3,900.10	4	4	4	4	4	4	4	4	4	4
1/4	2,806.07	1/4	3,081.02	1/4	3,355.97	1/4	3,630.92	1/4	3,905.80	1/4		1/4		1/4		1/4		1/4	
1/2	2,811.80	1/2	3,086.75	1/2	3,361.70	1/2	3,636.65	1/2	3,911.49	1/2		1/2		1/2		1/2		1/2	
3/4	2,817.53	3/4	3,092.48	3/4	3,367.43	3/4	3,642.38	3/4	3,917.18	3/4		3/4		3/4		3/4		3/4	
5	2,823.26	5	3,098.21	5	3,373.15	5	3,648.10	5	3,922.87	5	5	5	5	5	5	5	5	5	5
1/4	2,828.99	1/4	3,103.93	1/4	3,378.88	1/4	3,653.83	1/4	3,928.04	1/4		1/4		1/4		1/4		1/4	
1/2	2,834.71	1/2	3,109.66	1/2	3,384.61	1/2	3,659.56	1/2	3,933.21	1/2		1/2		1/2		1/2		1/2	
3/4	2,840.44	3/4	3,115.39	3/4	3,390.34	3/4	3,665.29	3/4	3,938.38	3/4		3/4		3/4		3/4		3/4	
6	2,846.17	6	3,121.12	6	3,396.07	6	3,671.02	6	3,943.55	6	6	6	6	6	6	6	6	6	6
1/4	2,851.90	1/4	3,126.85	1/4	3,401.80	1/4	3,676.74	1/4	3,946.89	1/4		1/4		1/4		1/4		1/4	
1/2	2,857.63	1/2	3,132.57	1/2	3,407.52	1/2	3,682.47	1/2	3,950.23	1/2		1/2		1/2		1/2		1/2	
3/4	2,863.35	3/4	3,138.30	3/4	3,413.25	3/4	3,688.20	3/4	3,953.57	3/4		3/4		3/4		3/4		3/4	
7	2,869.08	7	3,144.03	7	3,418.98	7	3,693.93	7	3,956.92	7	7	7	7	7	7	7	7	7	7
1/4	2,874.81	1/4	3,149.76	1/4	3,424.71	1/4	3,699.66	1/4	3,958.35	1/4		1/4		1/4		1/4		1/4	
1/2	2,880.54	1/2	3,155.49	1/2	3,430.44	1/2	3,705.38	1/2	3,959.78	1/2		1/2		1/2		1/2		1/2	
3/4	2,886.27	3/4	3,161.22	3/4	3,436.16	3/4	3,711.11	3/4	3,961.21	3/4		3/4		3/4		3/4		3/4	
8	2,891.99	8	3,166.94	8	3,441.89	8	3,716.84	8	3,962.64	8	8	8	8	8	8	8	8	8	8
1/4	2,897.72	1/4	3,172.67	1/4	3,447.62	1/4	3,722.57	1/4	3,962.88	1/4		1/4		1/4		1/4		1/4	
1/2	2,903.45	1/2	3,178.40	1/2	3,453.35	1/2	3,728.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,909.18	3/4	3,184.13	3/4	3,459.08	3/4	3,734.03	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,914.91	9	3,189.86	9	3,464.80	9	3,739.75	9		9	9	9	9	9	9	9	9	9	9
1/4	2,920.63	1/4	3,195.58	1/4	3,470.53	1/4	3,745.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,926.36	1/2	3,201.31	1/2	3,476.26	1/2	3,751.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,932.09	3/4	3,207.04	3/4	3,481.99	3/4	3,756.94	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,937.82	10	3,212.77	10	3,487.72	10	3,762.67	10		10	10	10	10	10	10	10	10	10	10
1/4	2,943.55	1/4	3,218.50	1/4	3,493.44	1/4	3,768.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,949.28	1/2	3,224.22	1/2	3,499.17	1/2	3,774.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,955.00	3/4	3,229.95	3/4	3,504.90	3/4	3,779.85	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,960.73	11	3,235.68	11	3,510.63	11	3,785.58	11		11	11	11	11	11	11	11	11	11	11
1/4	2,966.46	1/4	3,241.41	1/4	3,516.36	1/4	3,791.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,972.19	1/2	3,247.14	1/2	3,522.09	1/2	3,797.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,977.92	3/4	3,252.86	3/4	3,527.81	3/4	3,802.76	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/07/2020 CL  
CALCULATED: 08/08/2020 CL  
PRINTED: 08/08/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "MPX 210"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0.73	0	212.48	0	454.76	0	696.69	0	938.80	0	1,181.12	0	1,423.44	0	1,665.76	0	1,908.08	0	2,150.39
1/4	1.57	1/4	217.52	1/4	459.80	1/4	701.72	1/4	943.85	1/4	1,186.17	1/4	1,428.49	1/4	1,670.81	1/4	1,913.12	1/4	2,155.44
1/2	2.41	1/2	222.57	1/2	464.85	1/2	706.76	1/2	948.90	1/2	1,191.22	1/2	1,433.54	1/2	1,675.85	1/2	1,918.17	1/2	2,160.49
3/4	3.25	3/4	227.62	3/4	469.90	3/4	711.79	3/4	953.95	3/4	1,196.27	3/4	1,438.58	3/4	1,680.90	3/4	1,923.22	3/4	2,165.54
1	4.09	1	232.67	1	474.95	1	716.82	1	959.00	1	1,201.31	1	1,443.63	1	1,685.95	1	1,928.27	1	2,170.59
1/4	6.61	1/4	237.71	1/4	479.99	1/4	721.86	1/4	964.04	1/4	1,206.36	1/4	1,448.68	1/4	1,691.00	1/4	1,933.32	1/4	2,175.64
1/2	9.14	1/2	242.76	1/2	485.04	1/2	726.89	1/2	969.09	1/2	1,211.41	1/2	1,453.73	1/2	1,696.05	1/2	1,938.37	1/2	2,180.68
3/4	11.66	3/4	247.81	3/4	490.09	3/4	731.92	3/4	974.14	3/4	1,216.46	3/4	1,458.78	3/4	1,701.10	3/4	1,943.41	3/4	2,185.73
2	14.18	2	252.86	2	495.14	2	736.95	2	979.19	2	1,221.51	2	1,463.83	2	1,706.14	2	1,948.46	2	2,190.78
1/4	18.39	1/4	257.90	1/4	500.18	1/4	741.99	1/4	984.24	1/4	1,226.56	1/4	1,468.87	1/4	1,711.19	1/4	1,953.51	1/4	2,195.83
1/2	22.59	1/2	262.95	1/2	505.23	1/2	747.03	1/2	989.29	1/2	1,231.60	1/2	1,473.92	1/2	1,716.24	1/2	1,958.56	1/2	2,200.88
3/4	26.80	3/4	268.00	3/4	510.28	3/4	752.07	3/4	994.33	3/4	1,236.65	3/4	1,478.97	3/4	1,721.29	3/4	1,963.61	3/4	2,205.93
3	31.00	3	273.05	3	515.33	3	757.11	3	999.38	3	1,241.70	3	1,484.02	3	1,726.34	3	1,968.66	3	2,210.97
1/4	36.01	1/4	278.09	1/4	520.37	1/4	762.14	1/4	1,004.43	1/4	1,246.75	1/4	1,489.07	1/4	1,731.39	1/4	1,973.70	1/4	2,216.02
1/2	41.01	1/2	283.14	1/2	525.42	1/2	767.18	1/2	1,009.48	1/2	1,251.80	1/2	1,494.12	1/2	1,736.43	1/2	1,978.75	1/2	2,221.07
3/4	46.01	3/4	288.19	3/4	530.47	3/4	772.22	3/4	1,014.53	3/4	1,256.85	3/4	1,499.16	3/4	1,741.48	3/4	1,983.80	3/4	2,226.12
4	51.02	4	293.24	4	535.52	4	777.26	4	1,019.58	4	1,261.89	4	1,504.21	4	1,746.53	4	1,988.85	4	2,231.17
1/4	56.05	1/4	298.28	1/4	540.56	1/4	782.31	1/4	1,024.62	1/4	1,266.94	1/4	1,509.26	1/4	1,751.58	1/4	1,993.90	1/4	2,236.22
1/2	61.09	1/2	303.33	1/2	545.61	1/2	787.35	1/2	1,029.67	1/2	1,271.99	1/2	1,514.31	1/2	1,756.63	1/2	1,998.95	1/2	2,241.26
3/4	66.12	3/4	308.38	3/4	550.66	3/4	792.40	3/4	1,034.72	3/4	1,277.04	3/4	1,519.36	3/4	1,761.68	3/4	2,003.99	3/4	2,246.31
5	71.16	5	313.43	5	555.71	5	797.45	5	1,039.77	5	1,282.09	5	1,524.41	5	1,766.72	5	2,009.04	5	2,251.36
1/4	76.20	1/4	318.47	1/4	560.75	1/4	802.50	1/4	1,044.82	1/4	1,287.14	1/4	1,529.45	1/4	1,771.77	1/4	2,014.09	1/4	2,256.41
1/2	81.25	1/2	323.52	1/2	565.80	1/2	807.55	1/2	1,049.87	1/2	1,292.18	1/2	1,534.50	1/2	1,776.82	1/2	2,019.14	1/2	2,261.46
3/4	86.29	3/4	328.57	3/4	570.85	3/4	812.60	3/4	1,054.91	3/4	1,297.23	3/4	1,539.55	3/4	1,781.87	3/4	2,024.19	3/4	2,266.51
6	91.34	6	333.62	6	575.90	6	817.64	6	1,059.96	6	1,302.28	6	1,544.60	6	1,786.92	6	2,029.24	6	2,271.55
1/4	96.39	1/4	338.66	1/4	580.93	1/4	822.69	1/4	1,065.01	1/4	1,307.33	1/4	1,549.65	1/4	1,791.97	1/4	2,034.28	1/4	2,276.60
1/2	101.43	1/2	343.71	1/2	585.96	1/2	827.74	1/2	1,070.06	1/2	1,312.38	1/2	1,554.70	1/2	1,797.01	1/2	2,039.33	1/2	2,281.65
3/4	106.48	3/4	348.76	3/4	590.99	3/4	832.79	3/4	1,075.11	3/4	1,317.43	3/4	1,559.74	3/4	1,802.06	3/4	2,044.38	3/4	2,286.70
7	111.53	7	353.81	7	596.03	7	837.84	7	1,080.15	7	1,322.47	7	1,564.79	7	1,807.11	7	2,049.43	7	2,291.75
1/4	116.57	1/4	358.85	1/4	601.06	1/4	842.88	1/4	1,085.20	1/4	1,327.52	1/4	1,569.84	1/4	1,812.16	1/4	2,054.48	1/4	2,296.80
1/2	121.62	1/2	363.90	1/2	606.09	1/2	847.93	1/2	1,090.25	1/2	1,332.57	1/2	1,574.89	1/2	1,817.21	1/2	2,059.53	1/2	2,301.84
3/4	126.67	3/4	368.95	3/4	611.13	3/4	852.98	3/4	1,095.30	3/4	1,337.62	3/4	1,579.94	3/4	1,822.25	3/4	2,064.57	3/4	2,306.89
8	131.72	8	374.00	8	616.16	8	858.03	8	1,100.35	8	1,342.67	8	1,584.98	8	1,827.30	8	2,069.62	8	2,311.94
1/4	136.76	1/4	379.04	1/4	621.19	1/4	863.08	1/4	1,105.40	1/4	1,347.71	1/4	1,590.03	1/4	1,832.35	1/4	2,074.67	1/4	2,316.99
1/2	141.81	1/2	384.09	1/2	626.23	1/2	868.13	1/2	1,110.44	1/2	1,352.76	1/2	1,595.08	1/2	1,837.40	1/2	2,079.72	1/2	2,322.04
3/4	146.86	3/4	389.14	3/4	631.26	3/4	873.17	3/4	1,115.49	3/4	1,357.81	3/4	1,600.13	3/4	1,842.45	3/4	2,084.77	3/4	2,327.08
9	151.91	9	394.19	9	636.29	9	878.22	9	1,120.54	9	1,362.86	9	1,605.18	9	1,847.50	9	2,089.81	9	2,332.13
1/4	156.95	1/4	399.23	1/4	641.33	1/4	883.27	1/4	1,125.59	1/4	1,367.91	1/4	1,610.23	1/4	1,852.54	1/4	2,094.86	1/4	2,337.18
1/2	162.00	1/2	404.28	1/2	646.36	1/2	888.32	1/2	1,130.64	1/2	1,372.96	1/2	1,615.27	1/2	1,857.59	1/2	2,099.91	1/2	2,342.23
3/4	167.05	3/4	409.33	3/4	651.39	3/4	893.37	3/4	1,135.69	3/4	1,378.00	3/4	1,620.32	3/4	1,862.64	3/4	2,104.96	3/4	2,347.28
10	172.10	10	414.38	10	656.42	10	898.42	10	1,140.73	10	1,383.05	10	1,625.37	10	1,867.69	10	2,110.01	10	2,352.33
1/4	177.14	1/4	419.42	1/4	661.46	1/4	903.46	1/4	1,145.78	1/4	1,388.10	1/4	1,630.42	1/4	1,872.74	1/4	2,115.06	1/4	2,357.37
1/2	182.19	1/2	424.47	1/2	666.49	1/2	908.51	1/2	1,150.83	1/2	1,393.15	1/2	1,635.47	1/2	1,877.79	1/2	2,120.10	1/2	2,362.42
3/4	187.24	3/4	429.52	3/4	671.52	3/4	913.56	3/4	1,155.88	3/4	1,398.20	3/4	1,640.52	3/4	1,882.83	3/4	2,125.15	3/4	2,367.47
11	192.29	11	434.57	11	676.56	11	918.61	11	1,160.93	11	1,403.25	11	1,645.56	11	1,887.88	11	2,130.20	11	2,372.52
1/4	197.33	1/4	439.61	1/4	681.59	1/4	923.66	1/4	1,165.98	1/4	1,408.29	1/4	1,650.61	1/4	1,892.93	1/4	2,135.25	1/4	2,377.57
1/2	202.38	1/2	444.66	1/2	686.62	1/2	928.71	1/2	1,171.02	1/2	1,413.34	1/2	1,655.66	1/2	1,897.98	1/2	2,140.30	1/2	2,382.62
3/4	207.43	3/4	449.71	3/4	691.66	3/4	933.75	3/4	1,176.07	3/4	1,418.39	3/4	1,660.71	3/4	1,903.03	3/4	2,145.35	3/4	2,387.66

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
<http://www.pmacorp.net>





# BARGE "MPX 210"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,392.71	0	2,635.03	0	2,877.35	0	3,119.67	0	3,361.99	0		0		0		0		0	
1/4	2,397.76	1/4	2,640.08	1/4	2,882.40	1/4	3,124.72	1/4	3,367.03	1/4		1/4		1/4		1/4		1/4	
1/2	2,402.81	1/2	2,645.13	1/2	2,887.45	1/2	3,129.76	1/2	3,372.08	1/2		1/2		1/2		1/2		1/2	
3/4	2,407.86	3/4	2,650.18	3/4	2,892.49	3/4	3,134.81	3/4	3,377.13	3/4		3/4		3/4		3/4		3/4	
1	2,412.91	1	2,655.22	1	2,897.54	1	3,139.86	1	3,382.18	1		1		1		1		1	
1/4	2,417.95	1/4	2,660.27	1/4	2,902.59	1/4	3,144.91	1/4	3,387.23	1/4		1/4		1/4		1/4		1/4	
1/2	2,423.00	1/2	2,665.32	1/2	2,907.64	1/2	3,149.96	1/2	3,392.28	1/2		1/2		1/2		1/2		1/2	
3/4	2,428.05	3/4	2,670.37	3/4	2,912.69	3/4	3,155.01	3/4	3,397.32	3/4		3/4		3/4		3/4		3/4	
2	2,433.10	2	2,675.42	2	2,917.74	2	3,160.05	2	3,402.37	2		2		2		2		2	
1/4	2,438.15	1/4	2,680.47	1/4	2,922.78	1/4	3,165.10	1/4	3,407.43	1/4		1/4		1/4		1/4		1/4	
1/2	2,443.20	1/2	2,685.51	1/2	2,927.83	1/2	3,170.15	1/2	3,412.49	1/2		1/2		1/2		1/2		1/2	
3/4	2,448.24	3/4	2,690.56	3/4	2,932.88	3/4	3,175.20	3/4	3,417.54	3/4		3/4		3/4		3/4		3/4	
3	2,453.29	3	2,695.61	3	2,937.93	3	3,180.25	3	3,422.60	3		3		3		3		3	
1/4	2,458.34	1/4	2,700.66	1/4	2,942.98	1/4	3,185.30	1/4	3,427.64	1/4		1/4		1/4		1/4		1/4	
1/2	2,463.39	1/2	2,705.71	1/2	2,948.03	1/2	3,190.34	1/2	3,432.68	1/2		1/2		1/2		1/2		1/2	
3/4	2,468.44	3/4	2,710.76	3/4	2,953.07	3/4	3,195.39	3/4	3,437.72	3/4		3/4		3/4		3/4		3/4	
4	2,473.49	4	2,715.80	4	2,958.12	4	3,200.44	4	3,442.76	4		4		4		4		4	
1/4	2,478.53	1/4	2,720.85	1/4	2,963.17	1/4	3,205.49	1/4	3,447.78	1/4		1/4		1/4		1/4		1/4	
1/2	2,483.58	1/2	2,725.90	1/2	2,968.22	1/2	3,210.54	1/2	3,452.79	1/2		1/2		1/2		1/2		1/2	
3/4	2,488.63	3/4	2,730.95	3/4	2,973.27	3/4	3,215.59	3/4	3,457.81	3/4		3/4		3/4		3/4		3/4	
5	2,493.68	5	2,736.00	5	2,978.32	5	3,220.63	5	3,462.82	5		5		5		5		5	
1/4	2,498.73	1/4	2,741.05	1/4	2,983.36	1/4	3,225.68	1/4	3,467.83	1/4		1/4		1/4		1/4		1/4	
1/2	2,503.78	1/2	2,746.09	1/2	2,988.41	1/2	3,230.73	1/2	3,471.94	1/2		1/2		1/2		1/2		1/2	
3/4	2,508.82	3/4	2,751.14	3/4	2,993.46	3/4	3,235.78	3/4	3,476.99	3/4		3/4		3/4		3/4		3/4	
6	2,513.87	6	2,756.19	6	2,998.51	6	3,240.83	6	3,481.05	6		6		6		6		6	
1/4	2,518.92	1/4	2,761.24	1/4	3,003.56	1/4	3,245.88	1/4	3,484.00	1/4		1/4		1/4		1/4		1/4	
1/2	2,523.97	1/2	2,766.29	1/2	3,008.61	1/2	3,250.92	1/2	3,486.94	1/2		1/2		1/2		1/2		1/2	
3/4	2,529.02	3/4	2,771.34	3/4	3,013.65	3/4	3,255.97	3/4	3,489.88	3/4		3/4		3/4		3/4		3/4	
7	2,534.07	7	2,776.38	7	3,018.70	7	3,261.02	7	3,492.83	7		7		7		7		7	
1/4	2,539.11	1/4	2,781.43	1/4	3,023.75	1/4	3,266.07	1/4	3,494.09	1/4		1/4		1/4		1/4		1/4	
1/2	2,544.16	1/2	2,786.48	1/2	3,028.80	1/2	3,271.12	1/2	3,495.35	1/2		1/2		1/2		1/2		1/2	
3/4	2,549.21	3/4	2,791.53	3/4	3,033.85	3/4	3,276.17	3/4	3,496.61	3/4		3/4		3/4		3/4		3/4	
8	2,554.26	8	2,796.58	8	3,038.90	8	3,281.21	8	3,497.87	8		8		8		8		8	
1/4	2,559.31	1/4	2,801.63	1/4	3,043.94	1/4	3,286.26	1/4	3,498.08	1/4		1/4		1/4		1/4		1/4	
1/2	2,564.36	1/2	2,806.67	1/2	3,048.99	1/2	3,291.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,569.40	3/4	2,811.72	3/4	3,054.04	3/4	3,296.36	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,574.45	9	2,816.77	9	3,059.09	9	3,301.41	9		9		9		9		9		9	
1/4	2,579.50	1/4	2,821.82	1/4	3,064.14	1/4	3,306.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,584.55	1/2	2,826.87	1/2	3,069.19	1/2	3,311.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,589.60	3/4	2,831.91	3/4	3,074.23	3/4	3,316.55	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,594.64	10	2,836.96	10	3,079.28	10	3,321.60	10		10		10		10		10		10	
1/4	2,599.69	1/4	2,842.01	1/4	3,084.33	1/4	3,326.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,604.74	1/2	2,847.06	1/2	3,089.38	1/2	3,331.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,609.79	3/4	2,852.11	3/4	3,094.43	3/4	3,336.74	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,614.84	11	2,857.16	11	3,099.47	11	3,341.79	11		11		11		11		11		11	
1/4	2,619.89	1/4	2,862.20	1/4	3,104.52	1/4	3,346.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,624.93	1/2	2,867.25	1/2	3,109.57	1/2	3,351.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,629.98	3/4	2,872.30	3/4	3,114.62	3/4	3,356.94	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/07/2020 CL  
CALCULATED: 08/08/2020 CL  
PRINTED: 08/08/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "MPX 210"

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-1/4	01-1/4
2 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
3 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 4'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS 00-3/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 163'-06"

August 8, 2020

**PRECISION MEASUREMENT  
 & ANALYSIS, INC.**  
 P.O. Box 2092  
 Pearland, Texas 77588

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# BARGE "MPX 210"

# 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	3,315.34	0	3,099.60	0	2,883.85	0	2,668.10	0	2,449.03	0	2,167.11	0	1,915.08	0	1,663.72
1/4		1/4		1/4	3,310.85	1/4	3,095.10	1/4	2,879.36	1/4	2,663.61	1/4	2,413.78	1/4	2,161.86	1/4	1,909.83	1/4	1,658.48
1/2		1/2		1/2	3,500.28	1/2	3,306.35	1/2	3,090.61	1/2	2,874.86	1/2	2,659.12	1/2	2,408.54	1/2	2,156.61	1/2	1,904.58
3/4		3/4		3/4	3,500.06	3/4	3,301.86	3/4	3,086.11	3/4	2,870.37	3/4	2,654.62	3/4	2,403.29	3/4	2,151.36	3/4	1,899.33
1		1		1	3,498.74	1	3,297.36	1	3,081.62	1	2,865.87	1	2,649.37	1	2,398.05	1	2,146.11	1	1,894.08
1/4		1/4		1/4	3,497.43	1/4	3,292.87	1/4	3,077.12	1/4	2,861.38	1/4	2,644.12	1/4	2,392.80	1/4	2,140.86	1/4	1,888.83
1/2		1/2		1/2	3,496.11	1/2	3,288.37	1/2	3,072.63	1/2	2,856.88	1/2	2,638.87	1/2	2,387.56	1/2	2,135.61	1/2	1,883.58
3/4		3/4		3/4	3,494.80	3/4	3,283.88	3/4	3,068.13	3/4	2,852.39	3/4	2,633.62	3/4	2,382.31	3/4	2,130.36	3/4	1,878.33
2		2		2	3,491.73	2	3,279.38	2	3,063.64	2	2,847.89	2	2,628.37	2	2,377.07	2	2,125.10	2	1,873.08
1/4		1/4		1/4	3,488.66	1/4	3,274.89	1/4	3,059.14	1/4	2,843.40	1/4	2,623.12	1/4	2,371.82	1/4	2,119.85	1/4	1,867.83
1/2		1/2		1/2	3,485.59	1/2	3,270.39	1/2	3,054.65	1/2	2,838.90	1/2	2,617.87	1/2	2,366.58	1/2	2,114.60	1/2	1,862.58
3/4		3/4		3/4	3,482.52	3/4	3,265.90	3/4	3,050.15	3/4	2,834.41	3/4	2,612.62	3/4	2,361.33	3/4	2,109.35	3/4	1,857.33
3		3		3	3,477.76	3	3,261.41	3	3,045.66	3	2,829.91	3	2,607.37	3	2,356.09	3	2,104.10	3	1,852.10
1/4		1/4		1/4	3,473.01	1/4	3,256.91	1/4	3,041.16	1/4	2,825.42	1/4	2,602.13	1/4	2,350.84	1/4	2,098.85	1/4	1,846.86
1/2		1/2		1/2	3,468.26	1/2	3,252.42	1/2	3,036.67	1/2	2,820.92	1/2	2,596.88	1/2	2,345.60	1/2	2,093.60	1/2	1,841.63
3/4		3/4		3/4	3,463.51	3/4	3,247.92	3/4	3,032.18	3/4	2,816.43	3/4	2,591.64	3/4	2,340.35	3/4	2,088.35	3/4	1,836.40
4		4		4	3,459.05	4	3,243.43	4	3,027.68	4	2,811.94	4	2,586.41	4	2,335.11	4	2,083.10	4	1,831.17
1/4		1/4		1/4	3,454.59	1/4	3,238.93	1/4	3,023.19	1/4	2,807.44	1/4	2,581.18	1/4	2,329.86	1/4	2,077.85	1/4	1,825.93
1/2		1/2		1/2	3,450.13	1/2	3,234.44	1/2	3,018.69	1/2	2,802.95	1/2	2,575.95	1/2	2,324.62	1/2	2,072.60	1/2	1,820.70
3/4		3/4		3/4	3,445.67	3/4	3,229.94	3/4	3,014.20	3/4	2,798.45	3/4	2,570.73	3/4	2,319.37	3/4	2,067.35	3/4	1,815.47
5		5		5	3,441.18	5	3,225.45	5	3,009.70	5	2,793.96	5	2,565.50	5	2,314.12	5	2,062.10	5	1,810.23
1/4		1/4		1/4	3,436.69	1/4	3,220.95	1/4	3,005.21	1/4	2,789.46	1/4	2,560.27	1/4	2,308.87	1/4	2,056.85	1/4	1,805.00
1/2		1/2		1/2	3,432.21	1/2	3,216.46	1/2	3,000.71	1/2	2,784.97	1/2	2,555.04	1/2	2,303.62	1/2	2,051.60	1/2	1,799.77
3/4		3/4		3/4	3,427.72	3/4	3,211.96	3/4	2,996.22	3/4	2,780.47	3/4	2,549.81	3/4	2,298.37	3/4	2,046.35	3/4	1,794.54
6		6		6	3,423.22	6	3,207.47	6	2,991.72	6	2,775.98	6	2,544.58	6	2,293.12	6	2,041.10	6	1,789.30
1/4		1/4		1/4	3,418.73	1/4	3,202.97	1/4	2,987.23	1/4	2,771.48	1/4	2,539.36	1/4	2,287.87	1/4	2,035.85	1/4	1,784.07
1/2		1/2		1/2	3,414.23	1/2	3,198.48	1/2	2,982.73	1/2	2,766.99	1/2	2,534.13	1/2	2,282.62	1/2	2,030.60	1/2	1,778.84
3/4		3/4		3/4	3,409.73	3/4	3,193.98	3/4	2,978.24	3/4	2,762.49	3/4	2,528.90	3/4	2,277.37	3/4	2,025.35	3/4	1,773.60
7		7		7	3,405.24	7	3,189.49	7	2,973.74	7	2,758.00	7	2,523.67	7	2,272.12	7	2,020.09	7	1,768.37
1/4		1/4		1/4	3,400.74	1/4	3,185.00	1/4	2,969.25	1/4	2,753.50	1/4	2,518.44	1/4	2,266.87	1/4	2,014.84	1/4	1,763.14
1/2		1/2		1/2	3,396.25	1/2	3,180.50	1/2	2,964.75	1/2	2,749.01	1/2	2,513.22	1/2	2,261.62	1/2	2,009.59	1/2	1,757.91
3/4		3/4		3/4	3,391.75	3/4	3,176.01	3/4	2,960.26	3/4	2,744.51	3/4	2,507.99	3/4	2,256.37	3/4	2,004.34	3/4	1,752.67
8		8		8	3,387.26	8	3,171.51	8	2,955.77	8	2,740.02	8	2,502.76	8	2,251.12	8	1,999.09	8	1,747.44
1/4		1/4		1/4	3,382.76	1/4	3,167.02	1/4	2,951.27	1/4	2,735.53	1/4	2,497.53	1/4	2,245.87	1/4	1,993.84	1/4	1,742.21
1/2		1/2		1/2	3,378.27	1/2	3,162.52	1/2	2,946.78	1/2	2,731.03	1/2	2,492.30	1/2	2,240.62	1/2	1,988.59	1/2	1,736.98
3/4		3/4		3/4	3,373.77	3/4	3,158.03	3/4	2,942.28	3/4	2,726.54	3/4	2,487.08	3/4	2,235.37	3/4	1,983.34	3/4	1,731.74
9		9		9	3,369.28	9	3,153.53	9	2,937.79	9	2,722.04	9	2,481.85	9	2,230.11	9	1,978.09	9	1,726.51
1/4		1/4		1/4	3,364.78	1/4	3,149.04	1/4	2,933.29	1/4	2,717.55	1/4	2,476.62	1/4	2,224.86	1/4	1,972.84	1/4	1,721.28
1/2		1/2		1/2	3,360.29	1/2	3,144.54	1/2	2,928.80	1/2	2,713.05	1/2	2,471.39	1/2	2,219.61	1/2	1,967.59	1/2	1,716.04
3/4		3/4		3/4	3,355.79	3/4	3,140.05	3/4	2,924.30	3/4	2,708.56	3/4	2,466.16	3/4	2,214.36	3/4	1,962.34	3/4	1,710.81
10		10		10	3,351.30	10	3,135.55	10	2,919.81	10	2,704.06	10	2,460.94	10	2,209.11	10	1,957.09	10	1,705.58
1/4		1/4		1/4	3,346.80	1/4	3,131.06	1/4	2,915.31	1/4	2,699.57	1/4	2,455.71	1/4	2,203.86	1/4	1,951.84	1/4	1,700.35
1/2		1/2		1/2	3,342.31	1/2	3,126.56	1/2	2,910.82	1/2	2,695.07	1/2	2,450.48	1/2	2,198.61	1/2	1,946.59	1/2	1,695.11
3/4		3/4		3/4	3,337.82	3/4	3,122.07	3/4	2,906.32	3/4	2,690.58	3/4	2,445.25	3/4	2,193.36	3/4	1,941.34	3/4	1,689.88
11		11		11	3,333.32	11	3,117.57	11	2,901.83	11	2,686.08	11	2,440.01	11	2,188.11	11	1,936.09	11	1,684.65
1/4		1/4		1/4	3,328.83	1/4	3,113.08	1/4	2,897.33	1/4	2,681.59	1/4	2,434.76	1/4	2,182.86	1/4	1,930.84	1/4	1,679.41
1/2		1/2		1/2	3,324.33	1/2	3,108.59	1/2	2,892.84	1/2	2,677.09	1/2	2,429.52	1/2	2,177.61	1/2	1,925.59	1/2	1,674.18
3/4		3/4		3/4	3,319.84	3/4	3,104.09	3/4	2,888.35	3/4	2,672.60	3/4	2,424.27	3/4	2,172.36	3/4	1,920.34	3/4	1,668.95

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
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# BARGE "MPX 210"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	1,406.63	1/4	1,154.67	1/4	902.71	1/4	655.18	1/4	404.13	1/4	151.44	1/4		1/4		1/4		1/4			
1/2	1,401.38	1/2	1,149.42	1/2	897.46	1/2	650.08	1/2	398.87	1/2	146.17	1/2		1/2		1/2		1/2			
3/4	1,396.13	3/4	1,144.17	3/4	892.21	3/4	644.98	3/4	393.61	3/4	140.91	3/4		3/4		3/4		3/4			
1	1,390.88	1	1,138.92	1	886.97	1	639.88	1	388.34	1	135.65	1		1		1		1			
1/4	1,385.63	1/4	1,133.67	1/4	881.72	1/4	634.78	1/4	383.08	1/4	130.38	1/4		1/4		1/4		1/4			
1/2	1,380.38	1/2	1,128.42	1/2	876.47	1/2	629.69	1/2	377.81	1/2	125.12	1/2		1/2		1/2		1/2			
3/4	1,375.13	3/4	1,123.18	3/4	871.22	3/4	624.59	3/4	372.55	3/4	119.85	3/4		3/4		3/4		3/4			
2	1,369.88	2	1,117.93	2	865.97	2	619.49	2	367.28	2	114.59	2		2		2		2			
1/4	1,364.63	1/4	1,112.68	1/4	860.72	1/4	614.39	1/4	362.02	1/4	109.32	1/4		1/4		1/4		1/4			
1/2	1,359.38	1/2	1,107.43	1/2	855.47	1/2	609.29	1/2	356.75	1/2	104.06	1/2		1/2		1/2		1/2			
3/4	1,354.14	3/4	1,102.18	3/4	850.22	3/4	604.19	3/4	351.49	3/4	98.79	3/4		3/4		3/4		3/4			
3	1,348.89	3	1,096.93	3	844.97	3	598.92	3	346.23	3	93.53	3		3		3		3			
1/4	1,343.64	1/4	1,091.68	1/4	839.72	1/4	593.66	1/4	340.96	1/4	88.27	1/4		1/4		1/4		1/4			
1/2	1,338.39	1/2	1,086.43	1/2	834.47	1/2	588.39	1/2	335.70	1/2	83.01	1/2		1/2		1/2		1/2			
3/4	1,333.14	3/4	1,081.18	3/4	829.23	3/4	583.13	3/4	330.43	3/4	77.74	3/4		3/4		3/4		3/4			
4	1,327.89	4	1,075.93	4	823.98	4	577.86	4	325.17	4	72.49	4		4		4		4			
1/4	1,322.64	1/4	1,070.68	1/4	818.73	1/4	572.60	1/4	319.90	1/4	67.24	1/4		1/4		1/4		1/4			
1/2	1,317.39	1/2	1,065.43	1/2	813.48	1/2	567.33	1/2	314.64	1/2	61.99	1/2		1/2		1/2		1/2			
3/4	1,312.14	3/4	1,060.19	3/4	808.23	3/4	562.07	3/4	309.37	3/4	56.74	3/4		3/4		3/4		3/4			
5	1,306.89	5	1,054.94	5	803.11	5	556.81	5	304.11	5	51.52	5		5		5		5			
1/4	1,301.64	1/4	1,049.69	1/4	797.99	1/4	551.54	1/4	298.84	1/4	46.30	1/4		1/4		1/4		1/4			
1/2	1,296.40	1/2	1,044.44	1/2	792.87	1/2	546.28	1/2	293.58	1/2	41.08	1/2		1/2		1/2		1/2			
3/4	1,291.15	3/4	1,039.19	3/4	787.75	3/4	541.01	3/4	288.32	3/4	35.86	3/4		3/4		3/4		3/4			
6	1,285.90	6	1,033.94	6	782.63	6	535.75	6	283.05	6	31.48	6		6		6		6			
1/4	1,280.65	1/4	1,028.69	1/4	777.51	1/4	530.48	1/4	277.79	1/4	27.09	1/4		1/4		1/4		1/4			
1/2	1,275.40	1/2	1,023.44	1/2	772.39	1/2	525.22	1/2	272.52	1/2	22.71	1/2		1/2		1/2		1/2			
3/4	1,270.15	3/4	1,018.19	3/4	767.27	3/4	519.95	3/4	267.26	3/4	18.32	3/4		3/4		3/4		3/4			
7	1,264.90	7	1,012.94	7	762.18	7	514.69	7	261.99	7	15.69	7		7		7		7			
1/4	1,259.65	1/4	1,007.69	1/4	757.09	1/4	509.42	1/4	256.73	1/4	13.06	1/4		1/4		1/4		1/4			
1/2	1,254.40	1/2	1,002.45	1/2	751.99	1/2	504.16	1/2	251.46	1/2	10.43	1/2		1/2		1/2		1/2			
3/4	1,249.15	3/4	997.20	3/4	746.90	3/4	498.90	3/4	246.20	3/4	7.80	3/4		3/4		3/4		3/4			
8	1,243.90	8	991.95	8	741.80	8	493.63	8	240.94	8	6.92	8		8		8		8			
1/4	1,238.66	1/4	986.70	1/4	736.71	1/4	488.37	1/4	235.67	1/4	6.04	1/4		1/4		1/4		1/4			
1/2	1,233.41	1/2	981.45	1/2	731.62	1/2	483.10	1/2	230.41	1/2	5.17	1/2		1/2		1/2		1/2			
3/4	1,228.16	3/4	976.20	3/4	726.52	3/4	477.84	3/4	225.14	3/4	4.29	3/4		3/4		3/4		3/4			
9	1,222.91	9	970.95	9	721.43	9	472.57	9	219.88	9		9		9		9		9			
1/4	1,217.66	1/4	965.70	1/4	716.34	1/4	467.31	1/4	214.61	1/4		1/4		1/4		1/4		1/4			
1/2	1,212.41	1/2	960.45	1/2	711.24	1/2	462.04	1/2	209.35	1/2		1/2		1/2		1/2		1/2			
3/4	1,207.16	3/4	955.20	3/4	706.15	3/4	456.78	3/4	204.08	3/4		3/4		3/4		3/4		3/4			
10	1,201.91	10	949.95	10	701.06	10	451.52	10	198.82	10		10		10		10		10			
1/4	1,196.66	1/4	944.71	1/4	695.96	1/4	446.25	1/4	193.55	1/4		1/4		1/4		1/4		1/4			
1/2	1,191.41	1/2	939.46	1/2	690.87	1/2	440.99	1/2	188.29	1/2		1/2		1/2		1/2		1/2			
3/4	1,186.16	3/4	934.21	3/4	685.78	3/4	435.72	3/4	183.03	3/4		3/4		3/4		3/4		3/4			
11	1,180.92	11	928.96	11	680.68	11	430.46	11	177.76	11		11		11		11		11			
1/4	1,175.67	1/4	923.71	1/4	675.58	1/4	425.19	1/4	172.50	1/4		1/4		1/4		1/4		1/4			
1/2	1,170.42	1/2	918.46	1/2	670.48	1/2	419.93	1/2	167.23	1/2		1/2		1/2		1/2		1/2			
3/4	1,165.17	3/4	913.21	3/4	665.38	3/4	414.66	3/4	161.97	3/4		3/4		3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/07/2020 CL  
CALCULATED: 08/08/2020 CL  
PRINTED: 08/08/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "MPX 210"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	3,734.03	0	3,459.08	0	3,184.13	0	2,909.18	0	2,634.23	0	2,359.28	0	2,084.33	0	1,809.38
1/4		1/4		1/4	3,728.30	1/4	3,453.35	1/4	3,178.40	1/4	2,903.45	1/4	2,628.50	1/4	2,353.55	1/4	2,078.60	1/4	1,803.66
1/2		1/2		1/2	3,962.88	1/2	3,722.57	1/2	3,447.62	1/2	3,172.67	1/2	2,897.72	1/2	2,622.77	1/2	2,347.82	1/2	2,072.88
3/4		3/4		3/4	3,962.64	3/4	3,716.84	3/4	3,441.89	3/4	3,166.94	3/4	2,891.99	3/4	2,617.05	3/4	2,342.10	3/4	2,067.15
1		1		1	3,961.21	1	3,711.11	1	3,436.16	1	3,161.22	1	2,886.27	1	2,611.32	1	2,336.37	1	2,061.42
1/4		1/4		1/4	3,959.78	1/4	3,705.38	1/4	3,430.44	1/4	3,155.49	1/4	2,880.54	1/4	2,605.59	1/4	2,330.64	1/4	2,055.69
1/2		1/2		1/2	3,958.35	1/2	3,699.66	1/2	3,424.71	1/2	3,149.76	1/2	2,874.81	1/2	2,599.86	1/2	2,324.91	1/2	2,049.96
3/4		3/4		3/4	3,956.92	3/4	3,693.93	3/4	3,418.98	3/4	3,144.03	3/4	2,869.08	3/4	2,594.13	3/4	2,319.18	3/4	2,044.24
2		2		2	3,953.57	2	3,688.20	2	3,413.25	2	3,138.30	2	2,863.35	2	2,588.41	2	2,313.46	2	2,038.51
1/4		1/4		1/4	3,950.23	1/4	3,682.47	1/4	3,407.52	1/4	3,132.57	1/4	2,857.63	1/4	2,582.68	1/4	2,307.73	1/4	2,032.78
1/2		1/2		1/2	3,946.89	1/2	3,676.74	1/2	3,401.80	1/2	3,126.85	1/2	2,851.90	1/2	2,576.95	1/2	2,302.00	1/2	2,027.05
3/4		3/4		3/4	3,943.55	3/4	3,671.02	3/4	3,396.07	3/4	3,121.12	3/4	2,846.17	3/4	2,571.22	3/4	2,296.27	3/4	2,021.32
3		3		3	3,938.38	3	3,665.29	3	3,390.34	3	3,115.39	3	2,840.44	3	2,565.49	3	2,290.54	3	2,015.60
1/4		1/4		1/4	3,933.21	1/4	3,659.56	1/4	3,384.61	1/4	3,109.66	1/4	2,834.71	1/4	2,559.76	1/4	2,284.82	1/4	2,009.87
1/2		1/2		1/2	3,928.04	1/2	3,653.83	1/2	3,378.88	1/2	3,103.93	1/2	2,828.99	1/2	2,554.04	1/2	2,279.09	1/2	2,004.14
3/4		3/4		3/4	3,922.87	3/4	3,648.10	3/4	3,373.15	3/4	3,098.21	3/4	2,823.26	3/4	2,548.31	3/4	2,273.36	3/4	1,998.41
4		4		4	3,917.18	4	3,642.38	4	3,367.43	4	3,092.48	4	2,817.53	4	2,542.58	4	2,267.63	4	1,992.68
1/4		1/4		1/4	3,911.49	1/4	3,636.65	1/4	3,361.70	1/4	3,086.75	1/4	2,811.80	1/4	2,536.85	1/4	2,261.90	1/4	1,986.95
1/2		1/2		1/2	3,905.80	1/2	3,630.92	1/2	3,355.97	1/2	3,081.02	1/2	2,806.07	1/2	2,531.12	1/2	2,256.18	1/2	1,981.23
3/4		3/4		3/4	3,900.10	3/4	3,625.19	3/4	3,350.24	3/4	3,075.29	3/4	2,800.34	3/4	2,525.40	3/4	2,250.45	3/4	1,975.50
5		5		5	3,894.39	5	3,619.46	5	3,344.51	5	3,069.57	5	2,794.62	5	2,519.67	5	2,244.72	5	1,969.77
1/4		1/4		1/4	3,888.67	1/4	3,613.74	1/4	3,338.79	1/4	3,063.84	1/4	2,788.89	1/4	2,513.94	1/4	2,238.99	1/4	1,964.04
1/2		1/2		1/2	3,882.95	1/2	3,608.01	1/2	3,333.06	1/2	3,058.11	1/2	2,783.16	1/2	2,508.21	1/2	2,233.26	1/2	1,958.31
3/4		3/4		3/4	3,877.23	3/4	3,602.28	3/4	3,327.33	3/4	3,052.38	3/4	2,777.43	3/4	2,502.48	3/4	2,227.53	3/4	1,952.59
6		6		6	3,871.50	6	3,596.55	6	3,321.60	6	3,046.65	6	2,771.70	6	2,496.76	6	2,221.81	6	1,946.86
1/4		1/4		1/4	3,865.77	1/4	3,590.82	1/4	3,315.87	1/4	3,040.93	1/4	2,765.98	1/4	2,491.03	1/4	2,216.08	1/4	1,941.13
1/2		1/2		1/2	3,860.04	1/2	3,585.09	1/2	3,310.15	1/2	3,035.20	1/2	2,760.25	1/2	2,485.30	1/2	2,210.35	1/2	1,935.40
3/4		3/4		3/4	3,854.32	3/4	3,579.37	3/4	3,304.42	3/4	3,029.47	3/4	2,754.52	3/4	2,479.57	3/4	2,204.62	3/4	1,929.67
7		7		7	3,848.59	7	3,573.64	7	3,298.69	7	3,023.74	7	2,748.79	7	2,473.84	7	2,198.89	7	1,923.95
1/4		1/4		1/4	3,842.86	1/4	3,567.91	1/4	3,292.96	1/4	3,018.01	1/4	2,743.06	1/4	2,468.12	1/4	2,193.17	1/4	1,918.22
1/2		1/2		1/2	3,837.13	1/2	3,562.18	1/2	3,287.23	1/2	3,012.28	1/2	2,737.34	1/2	2,462.39	1/2	2,187.44	1/2	1,912.49
3/4		3/4		3/4	3,831.40	3/4	3,556.45	3/4	3,281.51	3/4	3,006.56	3/4	2,731.61	3/4	2,456.66	3/4	2,181.71	3/4	1,906.76
8		8		8	3,825.67	8	3,550.73	8	3,275.78	8	3,000.83	8	2,725.88	8	2,450.93	8	2,175.98	8	1,901.03
1/4		1/4		1/4	3,819.95	1/4	3,545.00	1/4	3,270.05	1/4	2,995.10	1/4	2,720.15	1/4	2,445.20	1/4	2,170.25	1/4	1,895.31
1/2		1/2		1/2	3,814.22	1/2	3,539.27	1/2	3,264.32	1/2	2,989.37	1/2	2,714.42	1/2	2,439.47	1/2	2,164.53	1/2	1,889.58
3/4		3/4		3/4	3,808.49	3/4	3,533.54	3/4	3,258.59	3/4	2,983.64	3/4	2,708.70	3/4	2,433.75	3/4	2,158.80	3/4	1,883.85
9		9		9	3,802.76	9	3,527.81	9	3,252.86	9	2,977.92	9	2,702.97	9	2,428.02	9	2,153.07	9	1,878.12
1/4		1/4		1/4	3,797.03	1/4	3,522.09	1/4	3,247.14	1/4	2,972.19	1/4	2,697.24	1/4	2,422.29	1/4	2,147.34	1/4	1,872.39
1/2		1/2		1/2	3,791.31	1/2	3,516.36	1/2	3,241.41	1/2	2,966.46	1/2	2,691.51	1/2	2,416.56	1/2	2,141.61	1/2	1,866.66
3/4		3/4		3/4	3,785.58	3/4	3,510.63	3/4	3,235.68	3/4	2,960.73	3/4	2,685.78	3/4	2,410.83	3/4	2,135.89	3/4	1,860.94
10		10		10	3,779.85	10	3,504.90	10	3,229.95	10	2,955.00	10	2,680.05	10	2,405.11	10	2,130.16	10	1,855.21
1/4		1/4		1/4	3,774.12	1/4	3,499.17	1/4	3,224.22	1/4	2,949.28	1/4	2,674.33	1/4	2,399.38	1/4	2,124.43	1/4	1,849.48
1/2		1/2		1/2	3,768.39	1/2	3,493.44	1/2	3,218.50	1/2	2,943.55	1/2	2,668.60	1/2	2,393.65	1/2	2,118.70	1/2	1,843.75
3/4		3/4		3/4	3,762.67	3/4	3,487.72	3/4	3,212.77	3/4	2,937.82	3/4	2,662.87	3/4	2,387.92	3/4	2,112.97	3/4	1,838.02
11		11		11	3,756.94	11	3,481.99	11	3,207.04	11	2,932.09	11	2,657.14	11	2,382.19	11	2,107.24	11	1,832.30
1/4		1/4		1/4	3,751.21	1/4	3,476.26	1/4	3,201.31	1/4	2,926.36	1/4	2,651.41	1/4	2,376.47	1/4	2,101.52	1/4	1,826.57
1/2		1/2		1/2	3,745.48	1/2	3,470.53	1/2	3,195.58	1/2	2,920.63	1/2	2,645.69	1/2	2,370.74	1/2	2,095.79	1/2	1,820.84
3/4		3/4		3/4	3,739.75	3/4	3,464.80	3/4	3,189.86	3/4	2,914.91	3/4	2,639.96	3/4	2,365.01	3/4	2,090.06	3/4	1,815.11

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "MPX 210"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,534.43	0	1,259.49	0	984.54	0	714.54	0	441.50	0	166.56	0		0		0		0	
1/4	1,528.71	1/4	1,253.76	1/4	978.81	1/4	708.99	1/4	435.77	1/4	160.83	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,522.98	1/2	1,248.03	1/2	973.08	1/2	703.43	1/2	430.04	1/2	155.10	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,517.25	3/4	1,242.30	3/4	967.35	3/4	697.88	3/4	424.31	3/4	149.37	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,511.52	1	1,236.57	1	961.62	1	692.32	1	418.58	1	143.65	1	1	1	1	1	1	1	1
1/4	1,505.79	1/4	1,230.85	1/4	955.90	1/4	686.76	1/4	412.86	1/4	137.92	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,500.07	1/2	1,225.12	1/2	950.17	1/2	681.21	1/2	407.13	1/2	132.19	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,494.34	3/4	1,219.39	3/4	944.44	3/4	675.65	3/4	401.40	3/4	126.46	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,488.61	2	1,213.66	2	938.71	2	670.10	2	395.67	2	120.74	2	2	2	2	2	2	2	2
1/4	1,482.88	1/4	1,207.93	1/4	932.98	1/4	664.54	1/4	389.95	1/4	115.01	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,477.15	1/2	1,202.20	1/2	927.26	1/2	658.98	1/2	384.22	1/2	109.28	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,471.43	3/4	1,196.48	3/4	921.53	3/4	653.43	3/4	378.49	3/4	103.56	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,465.70	3	1,190.75	3	915.80	3	647.70	3	372.76	3	97.83	3	3	3	3	3	3	3	3
1/4	1,459.97	1/4	1,185.02	1/4	910.07	1/4	641.97	1/4	367.03	1/4	92.10	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,454.24	1/2	1,179.29	1/2	904.34	1/2	636.25	1/2	361.31	1/2	86.38	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,448.51	3/4	1,173.56	3/4	898.62	3/4	630.52	3/4	355.58	3/4	80.65	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,442.79	4	1,167.84	4	892.89	4	624.79	4	349.85	4	74.94	4	4	4	4	4	4	4	4
1/4	1,437.06	1/4	1,162.11	1/4	887.16	1/4	619.06	1/4	344.12	1/4	69.22	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,431.33	1/2	1,156.38	1/2	881.43	1/2	613.33	1/2	338.39	1/2	63.51	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,425.60	3/4	1,150.65	3/4	875.70	3/4	607.61	3/4	332.67	3/4	57.80	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,419.87	5	1,144.92	5	870.14	5	601.88	5	326.94	5	52.12	5	5	5	5	5	5	5	5
1/4	1,414.14	1/4	1,139.20	1/4	864.58	1/4	596.15	1/4	321.21	1/4	46.44	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,408.42	1/2	1,133.47	1/2	859.02	1/2	590.42	1/2	315.48	1/2	40.76	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,402.69	3/4	1,127.74	3/4	853.46	3/4	584.69	3/4	309.75	3/4	35.08	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,396.96	6	1,122.01	6	847.90	6	578.97	6	304.03	6	30.31	6	6	6	6	6	6	6	6
1/4	1,391.23	1/4	1,116.28	1/4	842.34	1/4	573.24	1/4	298.30	1/4	25.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,385.50	1/2	1,110.56	1/2	836.78	1/2	567.51	1/2	292.57	1/2	20.77	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,379.78	3/4	1,104.83	3/4	831.21	3/4	561.78	3/4	286.84	3/4	16.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,374.05	7	1,099.10	7	825.66	7	556.05	7	281.12	7	13.14	7	7	7	7	7	7	7	7
1/4	1,368.32	1/4	1,093.37	1/4	820.10	1/4	550.33	1/4	275.39	1/4	10.27	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,362.59	1/2	1,087.64	1/2	814.55	1/2	544.60	1/2	269.66	1/2	7.41	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,356.86	3/4	1,081.91	3/4	808.99	3/4	538.87	3/4	263.93	3/4	4.55	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,351.14	8	1,076.19	8	803.44	8	533.14	8	258.20	8	3.59	8	8	8	8	8	8	8	8
1/4	1,345.41	1/4	1,070.46	1/4	797.88	1/4	527.42	1/4	252.48	1/4	2.64	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,339.68	1/2	1,064.73	1/2	792.32	1/2	521.69	1/2	246.75	1/2	1.69	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,333.95	3/4	1,059.00	3/4	786.77	3/4	515.96	3/4	241.02	3/4	0.73	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,328.22	9	1,053.27	9	781.21	9	510.23	9	235.29	9		9	9	9	9	9	9	9	9
1/4	1,322.50	1/4	1,047.55	1/4	775.66	1/4	504.50	1/4	229.56	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,316.77	1/2	1,041.82	1/2	770.10	1/2	498.78	1/2	223.84	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,311.04	3/4	1,036.09	3/4	764.54	3/4	493.05	3/4	218.11	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,305.31	10	1,030.36	10	758.99	10	487.32	10	212.38	10		10	10	10	10	10	10	10	10
1/4	1,299.58	1/4	1,024.63	1/4	753.43	1/4	481.59	1/4	206.65	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,293.85	1/2	1,018.91	1/2	747.88	1/2	475.86	1/2	200.92	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,288.13	3/4	1,013.18	3/4	742.32	3/4	470.14	3/4	195.20	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,282.40	11	1,007.45	11	736.77	11	464.41	11	189.47	11		11	11	11	11	11	11	11	11
1/4	1,276.67	1/4	1,001.72	1/4	731.21	1/4	458.68	1/4	183.74	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,270.94	1/2	995.99	1/2	725.65	1/2	452.95	1/2	178.01	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,265.21	3/4	990.27	3/4	720.10	3/4	447.22	3/4	172.29	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/07/2020 CL  
CALCULATED: 08/08/2020 CL  
PRINTED: 08/08/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "MPX 210"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	3,498.08	0	3,286.26	0	3,043.94	0	2,801.63	0	2,559.31	0	2,316.99	0	2,074.67	0	1,832.35	0	1,590.03	
1/4	1/4	3,497.87	1/4	3,281.21	1/4	3,038.90	1/4	2,796.58	1/4	2,554.26	1/4	2,311.94	1/4	2,069.62	1/4	1,827.30	1/4	1,584.98	
1/2	1/2	3,496.61	1/2	3,276.17	1/2	3,033.85	1/2	2,791.53	1/2	2,549.21	1/2	2,306.89	1/2	2,064.57	1/2	1,822.26	1/2	1,579.94	
3/4	3/4	3,495.35	3/4	3,271.12	3/4	3,028.80	3/4	2,786.48	3/4	2,544.16	3/4	2,301.84	3/4	2,059.53	3/4	1,817.21	3/4	1,574.89	
1	1	3,494.09	1	3,266.07	1	3,023.75	1	2,781.43	1	2,539.11	1	2,296.80	1	2,054.48	1	1,812.16	1	1,569.84	
1/4	1/4	3,492.83	1/4	3,261.02	1/4	3,018.70	1/4	2,776.38	1/4	2,534.07	1/4	2,291.75	1/4	2,049.43	1/4	1,807.11	1/4	1,564.79	
1/2	1/2	3,489.88	1/2	3,255.97	1/2	3,013.65	1/2	2,771.34	1/2	2,529.02	1/2	2,286.70	1/2	2,044.38	1/2	1,802.06	1/2	1,559.74	
3/4	3/4	3,486.94	3/4	3,250.92	3/4	3,008.61	3/4	2,766.29	3/4	2,523.97	3/4	2,281.65	3/4	2,039.33	3/4	1,797.01	3/4	1,554.70	
2	2	3,484.00	2	3,245.88	2	3,003.56	2	2,761.24	2	2,518.92	2	2,276.60	2	2,034.28	2	1,791.97	2	1,549.65	
1/4	1/4	3,481.05	1/4	3,240.83	1/4	2,998.51	1/4	2,756.19	1/4	2,513.87	1/4	2,271.55	1/4	2,029.24	1/4	1,786.92	1/4	1,544.60	
1/2	1/2	3,476.49	1/2	3,235.78	1/2	2,993.46	1/2	2,751.14	1/2	2,508.82	1/2	2,266.51	1/2	2,024.19	1/2	1,781.87	1/2	1,539.55	
3/4	3/4	3,471.94	3/4	3,230.73	3/4	2,988.41	3/4	2,746.09	3/4	2,503.78	3/4	2,261.46	3/4	2,019.14	3/4	1,776.82	3/4	1,534.50	
3	3	3,467.38	3	3,225.68	3	2,983.36	3	2,741.05	3	2,498.73	3	2,256.41	3	2,014.09	3	1,771.77	3	1,529.45	
1/4	1/4	3,462.82	1/4	3,220.63	1/4	2,978.32	1/4	2,736.00	1/4	2,493.68	1/4	2,251.36	1/4	2,009.04	1/4	1,766.72	1/4	1,524.41	
1/2	1/2	3,457.81	1/2	3,215.59	1/2	2,973.27	1/2	2,730.95	1/2	2,488.63	1/2	2,246.31	1/2	2,003.99	1/2	1,761.68	1/2	1,519.36	
3/4	3/4	3,452.79	3/4	3,210.54	3/4	2,968.22	3/4	2,725.90	3/4	2,483.58	3/4	2,241.26	3/4	1,998.95	3/4	1,756.63	3/4	1,514.31	
4	4	3,447.78	4	3,205.49	4	2,963.17	4	2,720.85	4	2,478.53	4	2,236.22	4	1,993.90	4	1,751.58	4	1,509.26	
1/4	1/4	3,442.76	1/4	3,200.44	1/4	2,958.12	1/4	2,715.80	1/4	2,473.49	1/4	2,231.17	1/4	1,988.85	1/4	1,746.53	1/4	1,504.21	
1/2	1/2	3,437.72	1/2	3,195.39	1/2	2,953.07	1/2	2,710.76	1/2	2,468.44	1/2	2,226.12	1/2	1,983.80	1/2	1,741.48	1/2	1,499.16	
3/4	3/4	3,432.68	3/4	3,190.34	3/4	2,948.03	3/4	2,705.71	3/4	2,463.39	3/4	2,221.07	3/4	1,978.75	3/4	1,736.43	3/4	1,494.12	
5	5	3,427.64	5	3,185.30	5	2,942.98	5	2,700.66	5	2,458.34	5	2,216.02	5	1,973.70	5	1,731.39	5	1,489.07	
1/4	1/4	3,422.60	1/4	3,180.25	1/4	2,937.93	1/4	2,695.61	1/4	2,453.29	1/4	2,210.97	1/4	1,968.66	1/4	1,726.34	1/4	1,484.02	
1/2	1/2	3,417.54	1/2	3,175.20	1/2	2,932.88	1/2	2,690.56	1/2	2,448.24	1/2	2,205.93	1/2	1,963.61	1/2	1,721.29	1/2	1,478.97	
3/4	3/4	3,412.49	3/4	3,170.15	3/4	2,927.83	3/4	2,685.51	3/4	2,443.20	3/4	2,200.88	3/4	1,958.56	3/4	1,716.24	3/4	1,473.92	
6	6	3,407.43	6	3,165.10	6	2,922.78	6	2,680.47	6	2,438.15	6	2,195.83	6	1,953.51	6	1,711.19	6	1,468.87	
1/4	1/4	3,402.37	1/4	3,160.05	1/4	2,917.74	1/4	2,675.42	1/4	2,433.10	1/4	2,190.78	1/4	1,948.46	1/4	1,706.14	1/4	1,463.83	
1/2	1/2	3,397.32	1/2	3,155.01	1/2	2,912.69	1/2	2,670.37	1/2	2,428.05	1/2	2,185.73	1/2	1,943.41	1/2	1,701.10	1/2	1,458.78	
3/4	3/4	3,392.28	3/4	3,149.96	3/4	2,907.64	3/4	2,665.32	3/4	2,423.00	3/4	2,180.68	3/4	1,938.37	3/4	1,696.05	3/4	1,453.73	
7	7	3,387.23	7	3,144.91	7	2,902.59	7	2,660.27	7	2,417.95	7	2,175.64	7	1,933.32	7	1,691.00	7	1,448.68	
1/4	1/4	3,382.18	1/4	3,139.86	1/4	2,897.54	1/4	2,655.22	1/4	2,412.91	1/4	2,170.59	1/4	1,928.27	1/4	1,685.95	1/4	1,443.63	
1/2	1/2	3,377.13	1/2	3,134.81	1/2	2,892.49	1/2	2,650.18	1/2	2,407.86	1/2	2,165.54	1/2	1,923.22	1/2	1,680.90	1/2	1,438.58	
3/4	3/4	3,372.08	3/4	3,129.76	3/4	2,887.45	3/4	2,645.13	3/4	2,402.81	3/4	2,160.49	3/4	1,918.17	3/4	1,675.85	3/4	1,433.54	
8	8	3,367.03	8	3,124.72	8	2,882.40	8	2,640.08	8	2,397.76	8	2,155.44	8	1,913.12	8	1,670.81	8	1,428.49	
1/4	1/4	3,361.99	1/4	3,119.67	1/4	2,877.35	1/4	2,635.03	1/4	2,392.71	1/4	2,150.39	1/4	1,908.08	1/4	1,665.76	1/4	1,423.44	
1/2	1/2	3,356.94	1/2	3,114.62	1/2	2,872.30	1/2	2,629.98	1/2	2,387.66	1/2	2,145.35	1/2	1,903.03	1/2	1,660.71	1/2	1,418.39	
3/4	3/4	3,351.89	3/4	3,109.57	3/4	2,867.25	3/4	2,624.93	3/4	2,382.62	3/4	2,140.30	3/4	1,897.98	3/4	1,655.66	3/4	1,413.34	
9	9	3,346.84	9	3,104.52	9	2,862.20	9	2,619.89	9	2,377.57	9	2,135.25	9	1,892.93	9	1,650.61	9	1,408.29	
1/4	1/4	3,341.79	1/4	3,099.47	1/4	2,857.16	1/4	2,614.84	1/4	2,372.52	1/4	2,130.20	1/4	1,887.88	1/4	1,645.56	1/4	1,403.25	
1/2	1/2	3,336.75	1/2	3,094.43	1/2	2,852.11	1/2	2,609.79	1/2	2,367.47	1/2	2,125.15	1/2	1,882.83	1/2	1,640.52	1/2	1,398.20	
3/4	3/4	3,331.70	3/4	3,089.38	3/4	2,847.06	3/4	2,604.74	3/4	2,362.42	3/4	2,120.10	3/4	1,877.79	3/4	1,635.47	3/4	1,393.15	
10	10	3,326.65	10	3,084.33	10	2,842.01	10	2,599.69	10	2,357.37	10	2,115.06	10	1,872.74	10	1,630.42	10	1,388.10	
1/4	1/4	3,321.60	1/4	3,079.28	1/4	2,836.96	1/4	2,594.64	1/4	2,352.33	1/4	2,110.01	1/4	1,867.69	1/4	1,625.37	1/4	1,383.05	
1/2	1/2	3,316.55	1/2	3,074.23	1/2	2,831.92	1/2	2,589.60	1/2	2,347.28	1/2	2,104.96	1/2	1,862.64	1/2	1,620.32	1/2	1,378.00	
3/4	3/4	3,311.50	3/4	3,069.19	3/4	2,826.87	3/4	2,584.55	3/4	2,342.23	3/4	2,099.91	3/4	1,857.59	3/4	1,615.27	3/4	1,372.96	
11	11	3,306.46	11	3,064.14	11	2,821.82	11	2,579.50	11	2,337.18	11	2,094.86	11	1,852.54	11	1,610.23	11	1,367.91	
1/4	1/4	3,301.41	1/4	3,059.09	1/4	2,816.77	1/4	2,574.45	1/4	2,332.13	1/4	2,089.81	1/4	1,847.50	1/4	1,605.18	1/4	1,362.86	
1/2	1/2	3,296.36	1/2	3,054.04	1/2	2,811.72	1/2	2,569.40	1/2	2,327.09	1/2	2,084.77	1/2	1,842.45	1/2	1,600.13	1/2	1,357.81	
3/4	3/4	3,291.31	3/4	3,048.99	3/4	2,806.67	3/4	2,564.36	3/4	2,322.04	3/4	2,079.72	3/4	1,837.40	3/4	1,595.08	3/4	1,352.76	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "MPX 210"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	1,342.67	1/4	1,100.35	1/4	858.03	1/4	616.16	1/4	374.00	1/4	131.72	1/4		1/4		1/4		1/4		1/4	
1/2	1,337.62	1/2	1,095.30	1/2	852.98	1/2	611.13	1/2	368.95	1/2	126.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,332.57	3/4	1,090.25	3/4	847.93	3/4	606.09	3/4	363.90	3/4	121.62	3/4		3/4		3/4		3/4		3/4	
1	1,327.52	1	1,085.20	1	842.88	1	601.06	1	358.85	1	116.57	1		1		1		1		1	
1/4	1,322.47	1/4	1,080.15	1/4	837.84	1/4	596.03	1/4	353.81	1/4	111.53	1/4		1/4		1/4		1/4		1/4	
1/2	1,317.43	1/2	1,075.11	1/2	832.79	1/2	590.99	1/2	348.76	1/2	106.48	1/2		1/2		1/2		1/2		1/2	
3/4	1,312.38	3/4	1,070.06	3/4	827.74	3/4	585.96	3/4	343.71	3/4	101.43	3/4		3/4		3/4		3/4		3/4	
2	1,307.33	2	1,065.01	2	822.69	2	580.93	2	338.66	2	96.39	2		2		2		2		2	
1/4	1,302.28	1/4	1,059.96	1/4	817.64	1/4	575.90	1/4	333.62	1/4	91.34	1/4		1/4		1/4		1/4		1/4	
1/2	1,297.23	1/2	1,054.91	1/2	812.60	1/2	570.85	1/2	328.57	1/2	86.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,292.18	3/4	1,049.87	3/4	807.55	3/4	565.80	3/4	323.52	3/4	81.25	3/4		3/4		3/4		3/4		3/4	
3	1,287.14	3	1,044.82	3	802.50	3	560.75	3	318.47	3	76.20	3		3		3		3		3	
1/4	1,282.09	1/4	1,039.77	1/4	797.45	1/4	555.71	1/4	313.43	1/4	71.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,277.04	1/2	1,034.72	1/2	792.40	1/2	550.66	1/2	308.38	1/2	66.12	1/2		1/2		1/2		1/2		1/2	
3/4	1,271.99	3/4	1,029.67	3/4	787.35	3/4	545.61	3/4	303.33	3/4	61.09	3/4		3/4		3/4		3/4		3/4	
4	1,266.94	4	1,024.62	4	782.31	4	540.56	4	298.28	4	56.05	4		4		4		4		4	
1/4	1,261.89	1/4	1,019.58	1/4	777.26	1/4	535.52	1/4	293.24	1/4	51.02	1/4		1/4		1/4		1/4		1/4	
1/2	1,256.85	1/2	1,014.53	1/2	772.22	1/2	530.47	1/2	288.19	1/2	46.01	1/2		1/2		1/2		1/2		1/2	
3/4	1,251.80	3/4	1,009.48	3/4	767.18	3/4	525.42	3/4	283.14	3/4	41.01	3/4		3/4		3/4		3/4		3/4	
5	1,246.75	5	1,004.43	5	762.14	5	520.37	5	278.09	5	36.01	5		5		5		5		5	
1/4	1,241.70	1/4	999.38	1/4	757.11	1/4	515.33	1/4	273.05	1/4	31.00	1/4		1/4		1/4		1/4		1/4	
1/2	1,236.65	1/2	994.33	1/2	752.07	1/2	510.28	1/2	268.00	1/2	26.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,231.60	3/4	989.29	3/4	747.03	3/4	505.23	3/4	262.95	3/4	22.59	3/4		3/4		3/4		3/4		3/4	
6	1,226.56	6	984.24	6	741.99	6	500.18	6	257.90	6	18.39	6		6		6		6		6	
1/4	1,221.51	1/4	979.19	1/4	736.95	1/4	495.14	1/4	252.86	1/4	14.18	1/4		1/4		1/4		1/4		1/4	
1/2	1,216.46	1/2	974.14	1/2	731.92	1/2	490.09	1/2	247.81	1/2	11.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,211.41	3/4	969.09	3/4	726.89	3/4	485.04	3/4	242.76	3/4	9.14	3/4		3/4		3/4		3/4		3/4	
7	1,206.36	7	964.04	7	721.86	7	479.99	7	237.71	7	6.61	7		7		7		7		7	
1/4	1,201.31	1/4	959.00	1/4	716.82	1/4	474.95	1/4	232.67	1/4	4.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,196.27	1/2	953.95	1/2	711.79	1/2	469.90	1/2	227.62	1/2	3.25	1/2		1/2		1/2		1/2		1/2	
3/4	1,191.22	3/4	948.90	3/4	706.76	3/4	464.85	3/4	222.57	3/4	2.41	3/4		3/4		3/4		3/4		3/4	
8	1,186.17	8	943.85	8	701.72	8	459.80	8	217.52	8	1.57	8		8		8		8		8	
1/4	1,181.12	1/4	938.80	1/4	696.69	1/4	454.76	1/4	212.48	1/4	0.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,176.07	1/2	933.75	1/2	691.66	1/2	449.71	1/2	207.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,171.02	3/4	928.71	3/4	686.62	3/4	444.66	3/4	202.38	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,165.98	9	923.66	9	681.59	9	439.61	9	197.33	9		9		9		9		9		9	
1/4	1,160.93	1/4	918.61	1/4	676.56	1/4	434.57	1/4	192.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,155.88	1/2	913.56	1/2	671.52	1/2	429.52	1/2	187.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,150.83	3/4	908.51	3/4	666.49	3/4	424.47	3/4	182.19	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,145.78	10	903.46	10	661.46	10	419.42	10	177.14	10		10		10		10		10		10	
1/4	1,140.73	1/4	898.42	1/4	656.42	1/4	414.38	1/4	172.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,135.69	1/2	893.37	1/2	651.39	1/2	409.33	1/2	167.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,130.64	3/4	888.32	3/4	646.36	3/4	404.28	3/4	162.00	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,125.59	11	883.27	11	641.33	11	399.23	11	156.95	11		11		11		11		11		11	
1/4	1,120.54	1/4	878.22	1/4	636.29	1/4	394.19	1/4	151.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,115.49	1/2	873.17	1/2	631.26	1/2	389.14	1/2	146.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,110.44	3/4	868.13	3/4	626.23	3/4	384.09	3/4	141.81	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/07/2020 CL  
CALCULATED: 08/08/2020 CL  
PRINTED: 08/08/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2020

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